

1 I claim:

2 1. A peritoneal dialysis catheter comprising:

3 an elongate inflow conduit having a first elongate juxtaposition surface
4 residing on a first medial segment of the exterior surface of said elongate inflow conduit, a
5 first distal segment lying distal of said first medial segment, and a first proximal segment
6 lying proximal of said first medial segment;

7 an elongate outflow conduit having a second elongate juxtaposition surface
8 residing on a second medial segment of the exterior surface of said elongate outflow conduit,
9 a second distal segment lying distal of said second medial segment, and a second proximal
10 segment lying proximal of said second medial segment;

11 said elongate inflow conduit and said elongate outflow conduit being
12 respectively contoured whereby a juxtaposition consisting essentially of said first elongate
13 juxtaposition surface and said second elongate juxtaposition surface along their respective
14 said first and second medial segments results in the joint formation of a structure, the cross
15 sectional contour of which is substantially circular and substantially free of peripheral gaps
16 or spaces; and

17 said elongate inflow conduit and said elongate outflow conduit being bonded
18 in said juxtaposition along respective said medial segments and remaining un-bonded along
19 their respective said first and second distal segments.

1 2. The peritoneal dialysis catheter of claim 1, where said
2 medial portion and said extended portion form an acute angle
3 with respect to one another.

4
5 3. The peritoneal dialysis catheter of claim 2, where said
6 transition portion follows a substantially radial path.